

CSABA, G.; HORVATH, Cecilia; MOLDOVANYI, Ilona

A study on protein content of tissues from vertebrates of different age or of different grade of evolution and its bearing on transplantability, Acta biol. 13 no.3:223-229 '62.

1. Department of Histology and Embryology, Medical University, Budapest (Head: I. Toro).

(NEOPLASMS, EXPERIMENTAL) (CARCINOMA, EHRLICH TUMOR)  
(FISH) (BIRDS) (AGING) (PROTEINS) (LIVER)  
(UTERUS) (SPLEEN) (AMPHIBIA) (RODENTS)

L 16636-66 T/EMP(t) JD

ACC NR: AP6008910

SOURCE CODE: HU/0014/65/098/002/0087/0090

AUTHOR: Horvath, Csaba (Graduate metallurgical engineer)

ORG: Metal Works, Csepel (Fennu)

TITLE: Experiences in the determination of the gas content of non-ferrous metals and their alloys

SOURCE: Kohaszati lapok, v. 98, no. 2, 1965, 87-90

TOPIC TAGS: nonferrous metal, nonferrous metal alloy, gas

ABSTRACT: Methods for the determination of gas in non-ferrous metals and alloys employed in the manufacture of communication system components were investigated. The experiments were conducted with the aid of a vacuum-extraction apparatus, marketed commercially by the Leybold Company under the model designation of GA01. The proper methods for using this equipment were described and the accuracy, reproducibility, and duration of the determinations were discussed. By following the techniques discussed, it is possible to obtain results useful for industrial purposes and to conduct the analyses under factory conditions.

Card 1/2

UDC: 669.2/8:66.048.65.001.4

L 16636-66

ACC NR: AP60C8910

The authors thank Anna Schudich for co-operation in the carrying-out of the measurements. Orig. art. has: 13 figures, 1 formula, and 1 table. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

TS  
Card 2/2

HORVATH, Csongor

Shed hall with shell structure. Magy ep ipar 12 no.10:453-  
457 '63.

HORVATH, Csongor, okleveles építész-mérnök, mérnök

Diagram of forces of lining-loaded chimney walls. Melyepitestud  
szemle 14 no.4:184-187 Ap '64.

1. Strength Research Group, Hungarian Academy of Sciences,  
Budapest.

HORVATH, D.; KEMENY, P.; CSONTOS, E.

Nautisan poisoning in childhood. Orv. hetil. 105 no.21:  
1001-1003 24 My'64

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NIKOLICS, K.:HORVATH, D.:NIKOLICS, K.

Basic solution of amidazophen for prescription. Gyogyszerek  
8 no. 1:13-15 Jan 1953. (CLML 23:5)

1. Doctors. 2. Prepared by the 5/17th Pharmaceutic Laboratory,  
Sopron.

EXCERPTA MEDICA Sec.13 Vol.9/9 Dermatology Sept 55

1865. HORVÁTH D. \*Cementipari dolgozók bőrszűrővizsgálatainak adatai, Series of skin examinations of workers in cement BŐRGYÓGY VENER. SZLE. 1954, 30/5 (146-148)

These workers had cement dermatitis of the hands in 26.43% of cases. Of these 17% also had chrome sensitization, and 23.4% pyoderma as well. The personnel works for one year in the same place, but the symptoms usually appear after only one month. The workers in cement factories have cement dermatitis in 22.5%, or eczema on the hands, or on other parts of the body. In 25% there was pyoderma as well.

Vámos - Budapest



HUNGARY/Chemical Technology. Chemical Products and Their  
Application. Medicinals. Vitamins. Antibiotics.

H-17

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44314.

Author : Horvath Denes, Kotsy Jozsef Nekan Karoly

Inst :

Title : Chemical Control of Medicinals Prepared in Accordance  
With the New "Formulae Normales". Part II. 2nd  
Communication.

Orig Pub: Gyogyszeresz, 1955, 10, No 8, 144-147.

Abstract: Formulas and description of quantitative and  
qualitative analyses of individual components of  
the following medicinals prepared in accordance  
with the new "Formulae Normales": Pulvis china-  
cissalis cum vitamine C; Solutio amidazopheni pro  
infante; Mixtura antirheumatica; Pulvis boro-

Card : 1/2

HUNGARY/Chemical Technology. Chemical Products and Their  
Application. Medicinals. Vitamins. Antibiotics.

H-17

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44314.

permanganicus; Mixtura solvens; Flusum aceticum  
basicum solutum.

Card : 2/2

46

HORVATH, Denes, dr. (Miskolc)

Care of industrial occupational skin diseases. Nepegeszsseguy  
37 no.1:12-15 Jan 56.

(OCCUPATIONAL DISEASES

skin dis. in indust. workers, prev. & control in  
Hungary (Hun))

(INDUSTRIAL HYGIENE

prev. & control of skin dis. in Hungary (Hun))

(SKIN, DIS.

occup., in indust. workers, prev. & control in Hungary  
(Hun))

HORVATH, Denes

An account of the Sopron Chemists' Days. Magyar kem lap 17  
no.8:380 Ag '62.

Pharmacology and Toxicology

HUNGARY

HORVATH, Dezso, and Mrs. NADOR, Andras, Pharmacy at the University for Medical Sciences (Orvostudományi Egyetem, Gyógyszertár) in Pecs.

"Pharmacological Technology of Mannite Preparations Capable of Being Used Parenterally"

Budapest, Orvosi Hetilap, Vol 107, No 29, 17 Jul 1966, p 1365.

Abstract: The Sterile Laboratory (Steril Laboratorium) of the Pharmacy at the University for Medical Sciences in Pecs prepares mannite injections in 20% concentration in ampoules containing 10 and 50 ml., respectively, and 10% and 20% infusion solutions in bottles holding 200, 300, and 500 ml., respectively. These preparations are used as osmotic diuretics and dehydrating agents, and also for intracranial and intraocular pressure reducers. The principal characteristics and the uses of the preparations were discussed. 9 references, including 6 Hungarian and 3 Western.

1/1

HUNGARY

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618210007-6"

Mrs. NADOR, Andras, HORVATH, Dezso, and Mrs. DEAK, Bertalan, Pharmacy at the University for Medical Sciences (Orvostudományi Egyetem, Gyógyszertár) in Pecs.

"Preparation of Fructose Injection and Therapeutical Applications"

Budapest, Orvosi Hetilap, Vol 107, No 29, 17 Jul 1966, p 1366.

Abstract: The preparation of a 20% fructose injection solution, in ampoules containing 5 and 10 ml., respectively, and 5% and 10% infusion solutions in bottles holding 500 ml. was described. These solutions may be used in appropriate cases in lieu of glucose solutions. Their principal use is in cases of acute alcohol poisoning, liver diseases, caloric intake, and all other instances where the administration of glucose is contraindicated. 5 references, including 1 German, 1 Western, and 3 Hungarian.

1/1

VISNYOVSKY, Laszlo; HOLLO, Tiborne; HORVATH, Dezso

Dressing of manganese ores of Urkut. Koh lap 93 no.6:245-249 Je '60.

SZOKE, Barnabas, dr.; HORVATH, Dezso

Recent data on depot tetran therapy of maxillary sinusitis.  
Orv.hetil. 101 no.50:1782-1783 11 D'60.

1. Pecs Orvostudományi Egyetem, Ful-orr-gege klinika es Baranyame-  
gyei Tanacs Gyogyszertari Kozpont 10/1 Gyogyszertara Pecs.  
(OXYTETRACYCLINE ther)  
(SINUSITIS ther)

HORVATH, Dezso

Quick differential-identification of morphine in presence of its  
co-alkaloids. Magy kem folyoir 68 no.7:324-325 J1 '62.

1. Pecsí Orvostudományi Eg etem Gyogyszertara.



HORVATH, Dezso, egyetemi foggyogyszeresz (Pecs)

Drug consumption and traffic safety. Term tud kozl 7 no.10:  
475 0 '63.

HUNGARY

HORVATH, Dezso, Dr; Medical University of Pecs, Pharmacy (Pecsi Orvostudományi Egyetem, Gyógyszertár).

"The Influence of Central Stimulants on Traffic Safety."

Budapest, Honvedorvos, Vol XV, No 3, July-Sept 1963, pages 170-175.

Abstract: [Author's German summary] The detrimental effect of stimulants on traffic safety is obvious. The problem is discussed extensively by the author. It is pointed out that, in addition to the details of the problem discussed, the global danger of stimulants lies in the lack of knowledge about their mechanism of action, that is, in the fact that their effect and the consequences are not taken into consideration. Feelings of fatigue can be overcome by various psychotonic compounds only temporarily and the stimulation is always followed by a depressive phase because the reserves of productivity are used up rapidly. Therefore the effect of stimulants is never constant. Also, the effect of alcohol, can not be compensated by stimulants. 16 Eastern European, 10 Western references.

1/1

7

HORVATH, Dezso  
What the effect is of some so-called "fashionable" drugs on the influence of alcohol. Orv. hetil. 104 no.47:2233-2236 24 N '63.

1. Pecsi Orvostudományi Egyetem, Gyógyszertár.  
(TRANQUILIZING AGENTS) (HYPNOTICS AND SEDATIVES)  
(ANTIDEPRESSIVE AGENTS) (ALCOHOLIC INTOXICATION)  
(ACCIDENTS, TRAFFIC)

BUDVARI, Robert, dr.; HORVATH, Dezső, dr.

The hazards of modern anesthesiology. Orv. hetil. 105 no.4:  
1873-1877 4 0\*64

1. Pesti Orvostudományi Egyetem, Igazságügyi Orvostani Intézet  
(igazgató: Budvari, Robert, dr.) és Gyógyszertár (vezető:  
Horvath, Dezső, dr.)

DEVENYI, Tibor; SAJGO, Mihaly; HORVATH, Edit; SZORENYI, Broniszlava

Detection of D-glyceraldehyde-3-phosphate-dehydrogenase subunits.  
Magy kem folyoir 70 no.3:123-125 Mr '64.

1. Biochemical Institute, Hungarian Academy of Sciences, Budapest.

43011-66

ACC NR: AT6031822

SOURCE CODE: HU/2505/65/026/003/0207/0216

AUTHOR: Devenyi, Tibor--Deven'i, T.; Sajgo, Mihaly--Shaygo, M.; Horvath, Edit--  
Khorvat, E.; Szorenyi, Broniszlava--Seren'i, B.; Polgar, Laszlo--Pol'gar, L.

ORG: Institute of Biochemistry, MTA, Budapest (MTA Biokemiai Intezet)

TITLE: Tryptic hydrolysis of glyceraldehyde-3-phosphate dehydrogenase

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 3, 1965,  
207-216

TOPIC TAGS: hydrolysis, enzyme, polypeptide, paper chromatography

ABSTRACT: A trypsin-resistant 'core' fraction has been isolated from the tryptic hydrolysate of denatured glyceraldehyde-3-phosphate dehydrogenase. Four peptides could be separated by means of gel-filtration and micropreparative paper chromatography. It was established that the large peptides are homologues and contain the entire active site of the enzyme. The possibility of the employment of the 'core' fraction for analytic purposes is raised. The authors thank Professor F. B. Straub for valuable suggestions and helpful discussions in this work. The authors also thank Mrs. H. Mozsar, Mrs. K. Lendvai and Mrs. M. Barkoczy for skillful technical assistance. Orig. art. has: 5 figures and 3 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06, 07 / SUBM DATE: 18Oct63 / ORIG REF: 004 / OTH REF: 005

Card 1/1 MLP

15  
B+

0914 8570

REX-KISS, B.; HORVATH, E.; CSATA, S.

On so-called "sub-groups" of blood groups. Orv. hetil. 105  
no. 19:857 3 May 64

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HORVATH, E.

RUMANIA/Human and Animal Physiology - Metabolism.

T

Abs Jour : Ref Zhur Biol., No 3, 1957, 12452

Author : Kelemen, Laszlo; Horvath, Endre; Palencsar, Antal;  
Bodo, Ilona; Hadnagy, Csaba

Inst : -

Title : Action of Vitamin B<sub>12</sub> on Intermediary Metabolism of  
Carbohydrates in Scarlatina

Orig Pub : Ref. med. (RPR), 1957, 3, No 5, 40-43

Abstract : No abstract.

Card 1/1

HADNAGY, Csaba; HORVATH, Endre; SZABO, Istvan; METZ, Olof  
APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618210007-6

Studies on the use of vitamin B<sub>12</sub> in immunohematology.  
Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:138-  
141 1957.

1. A Marosvasarhelyi Egyetem II. sz. Belklinika.  
(VITAMIN B<sub>12</sub>, eff.  
immunobiol. actions (Hun))

HUNGARY / General Problems of Pathology. Immunity.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102385.

Author : Bencsik, Andor; Horvath, Endre; Miklos, Laszlo.

Inst : Not given.

Title : The Reaction of Complement Fixation of the Antigen of the Placenta in Fetal Death and Abortion.

Orig Pub: Magyar noorv. lapja, 1957, 20, No 4-5, 310-313.

Abstract: In 5 cases of spontaneous abortion, the complement fixation reaction of the placental extract is positive. In healthy pregnant women, the complement fixation is negative.

Card 1/1

VAJDA Istvan, dr.; ASZODI Lili, dr.; HAJDU Pál, dr.; STERNISZKY Erika, dr.; BARZO Pál, dr.; HORVATH, Endre, dr.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618210007-6

Familial relations of acquired hemolytic anemia. Magy. belorv. arch. 13 no.4:121-124 Ag '60.

1. A Hajdu-Bihar Megyei Tanács Korhaza (Igazgató: Dr. Manyi Géza)  
I. sz. Belosztályának (Főorvos: Dr. Vajda István), Megyei  
Verkonzerváló Allomásának (Főorvos: Dr. Aszodi Lili) és az  
Országos Vertranszfúziós Szolgálat Központi Kutató Intézetének  
(Igazgató: Dr. Hollan Zsuzsanna) közleménye.  
(ANEMIA, HEMOLYTIC genetics)



HORVATH, Endre; ASZODI, Lili; STENSZKY, Ernő; PAVAY, Agnes

Determination of incomplete anti-A and anti-B antibodies in group O pregnant subjects and in high-titer group O blood donors. Kiserletes orvostud. 13 no.3:245-250 Je '61.

1. Országos Verellato Szolgalat Kozponti Kutato Intezete es Hajdu-Bihar megyei Tanacs Korhaz Verellato Osztalya.

(BLOOD GROUPS) (PREGNANCE blood)

HORVATH, Endre; PERKEDI, Janos

An enzyme modification procedure with an object method. Kiserletes  
orvostud. 13 no.3:282-285 Je '61.

1. Orszagos Verellato Szolgalat Kozponti Kutato Intezetének Immun  
Immunhaematologiai Osztalya es Orvostovabbkepso Intezet Verellato  
Osztalya.

(BLOOD GROUPS) (ENZYMES pharmacol)

FROHLICH, Margaret M.; HORVATH, E.

The Porter-Silber reaction in the presence of glucose. Acta med. hung.  
17 no.3/4:257-262 '61.

1. First Department of Medicine (Director: M. Julesz), University  
Medical School, and Institute of General and Physical Chemistry of the  
University (Director: A. Kiss), Szeged.

(GLUCOSE pharmacol)  
(17-KETOSTEROIDS urine)

PERKEDI, Janos, dr.; HORVATH, Endre, dr.; HOLLO, Tamas, dr.; VALLO, Dezsó, dr.

Unusual amounts of a blood group substance in the blood serum of a newborn infant. Orv. hetil. 102 no.44:2075-2076 29 0 '61.

1. Orvostovábbképző Intézet és Országos Vérellátó Szolgálat Központi Kutató Intézet.

(BLOOD GROUPS) (INFANT NEWBORN blood)

DUH, Andras, dr.; SIMON, Akoane; HORVATH, Endre, dr.

On the dangers of the use of "universal donor blood" and preventive measures. Orv. hetil. 103 no.39:1825-1830 30 S '62.

1. Országos Verellátó Szolgálat Központi Kutató Intézet.  
(BLOOD GROUPS) (BLOOD TRANSFUSION)

HUNGARY

DMZ, Andras, Dr, MORVATH, Endre, Dr; State Blood Transfusion Service,  
Central Research Institute (Országos Vértanszfúziós Szolgálat, Központi  
Kutató Intézet)

"Some Characteristics of the Transfusion Complications Arising From  
Rh(0) Incompatibility Based on a Case."

Budapest, Orvosi Hetilap, Vol 104, No 3, 20 Jan 63, pages 92-101.

Abstract: The authors discuss a case of kidney shut-down arising from  
blood transfusion complications where not even the most sensitive  
serological methods could show the presence of antibodies. The methods  
and pitfalls of blood typing and blood transfusion complications are  
discussed in detail.

[19 Western, 4 Soviet-bloc references]

HORVATH, Endre, dr.; DUH, Andras, dr.; SIMON, Akosne, dr.

On the causes of false results in the determination of the  
Rh factor. Orv. hetil. 104 no.46:2167-2169 17 N '63.

1. Orszagos Vertransfuzios Szolgalat, Kozponti Kutato Intezet.  
(RH FACTORS) (BLOOD GROUP INCOMPATIBILITY)  
(AUTOANTIBODIES)

JAKUBEC, Sándor, dr.; HORVATH, Eva, dr.

Drug resistance of bacteria cultured from our gynecological examination during the period of 1957-1962. Orv. hetil. 106 no.12:548-552 No 21 '65

1. Debreceni Orvostudományi Egyetem, Nőgyógyászati Klinika (igazgató: Arvai, Sándor, dr.) és Mikrobiológiai Intézet (igazgató: Vácz, János, dr.).



HORVATH, E.

Technical and economic news. Hon zap '67 no.7:351-352 J1 '64.

### Tests

#### HUNGARY

GERGELY, Janos, Dr, MEDGYESI, Gyorgy, Dr, HORVATH, Endre, Dr; National Blood Transfusion Service, Central Research Institute (director: HOLLAN, Zsuzsa, Dr) (Országos Vertransfuzios Szolgalat, Kozponti Kutato Intezet).

"The Positive Coombs Test."

Budapest, Orvosi Hetilap, Vol 107, No 34, 21 Aug 66, pages 1601-1602.

Abstract: [Authors' Hungarian summary] An experimental confirmation of the authors' hypothesis is presented according to which the positivity or negativity of the Coombs reaction depends on the orientation of the IgG-globulin present in specific or aspecific bonding at the surface of the erythrocytes. In the case of specific bonding the groups capable of reaction with the Coombs serum are "free" and the reaction is positive while, in the case of aspecific bonding the Fc-fragment reactive with the Coombs serum is bound to the surface of the erythrocytes and the reaction can not take place. 1 Hungarian, 7 Western references.

1/1

DEVENYI, T.; SAJGO, M.; HORVATH, Edit; SZORENYI, Broniszlava; POLGAR, L.  
APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618210007-6

Tryptic hydrolysis of glyceraldehyde-3-phosphate dehydrogenase.  
*Acta physiol. acad. sci. Hung.* 26 no.3:207-216 '65

1. Institute of Biochemistry, Hungarian Academy of Sciences,  
Budapest.

DUH, Andras, dr.; HORVATH, Endre, dr.; NEMAN, Pirooska, dr.;  
SIMON, Akosne, dr.; BAJTAI, Gabor, dr.; KERENYES, Endre, dr.

Hemolytic complication in blood transfusion caused by an  
antibody in the Lewis blood group. Orv. hetil. 104 no.37:  
1737-1740 15 S '63.

1. Orszagos Verellato Szolgalat Kozponti Kutatointezet, Pecs  
Veradoalkozpont, Mohacsi Veradoallomas.

(BLOOD TRANSFUSION)

(BLOOD GROUP INCOMPATIBILITY)

(HEMOLYSIS) (ANTIGEN-ANTIBODY REACTIONS)

(ABO FACTORS) (RH FACTORS)

(STOMACH ULCER)

(HEMORRHAGE, GASTROINTESTINAL)

HORVATH, Endre, dr.

Blood donors are lifesavers. Munka 4 no.12:39 D '54.

1. Országos Verellato Szolgálat osztályvezetője.

DUH, Andras, dr.; HORVATH, Endre, dr.; VADASZ, Gabor, dr.

Reorganization of hospital transfusion services as a mirror  
of modern tasks. Orv. hetil. 105 no. 28:1297-1300 12 JI'64

1. Országos Vertransfusios Szolgalat, Kozponti Kutato Intezet.

PIUKOVICH, Istvan; VARGA, László; GÁBOR, Miklós; TENYI, Maria; HORVÁTH, Endre;  
SIMON, Akosné

Formation of the serum protein-bound carbohydrates- and haptoglobin-  
level in experimental liver damage in rats. Kisérlet. orvostud. 16 no.  
4:400-404 Ag '64.

1. Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati kli-  
nikája, II sz. Belgyógyászati Klinikája és az Országos Vérellátó  
Szolgálat Központi Kutató Intézet, Budapest.

HABER, Jozsef, dr.; SIMON, Akosne, dr.; HORVATH, Endre, dr.

Haptoglobin level of the blood serum in various phases of  
silicosis. Orv. hetil. 106 no. 5:204-206 31 Ja '65

1. Pecs Orvostudományi Egyetem, 1. Belklinika és Országos  
Vertranszfúziós Szolgálat.

HORVATH, Erno

Experiences with the organization and function of labor protective guards on state farms. Munkavedelem 9 no.4/6:29-31 '63.



HORVATH, Erika

Survey of social establishments at the Miskolc Railroad  
Directorate. Vasut 15 no.3:23-24 Mr '65.

HORVATH, ERZSEBET

Chemical Abst.  
Vol. 48 No. 4  
Feb. 5, 1954  
General and Physical Chemistry

Ortho and para effects of simple benzene derivatives in the case of different substituents. Erzsebet Horvath (Univ. Szeged, Hung.). Magyar Kém. Folyóirat 54:614-16 (1952).—In an investigation of ortho and para effects (in addn. to band shift and change of extinction) a surface change also was observed as parameter, which served for the quant. evaluation of transition probability. For curves  $E-1/\lambda$  the surface change was detd. in the total absorption range. This method gives a homogeneous description of the inductive and mesomeric effects of substituents and of various actions inhibiting mesomerism (as solvation of mesomerizing radicals, lifting of Me groups from the plane of benzene). In the case of different substituents the mesomeric effect is stronger the greater is the difference in the electron affinity of radicals; the max. effect occurs when one group mesomerizes by donation of electrons, the other by acceptance of electrons. István Pinyó

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117  
7-13-54

HORVATH, E.

HUNGARY/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 16699

Author : Czaszar J., Horvath E., Lehotai L.

Inst : Not Given

Title : Mechanism of Absorption of Light by the Complexes  $\lambda$ ,  $\lambda'$  -  
Dipyridyl and o-phenantroline.

Orig Pub : Acta phys. et chem. Szeged, 1956, 2, No 1-4, 49-55

Abstract : The absorption spectra of the complexes of ions of Cr (III), Mn (II), Fe (II), Co (II), Ni (II), Cu (II), Zn (II) with  $\lambda$ ,  $\lambda'$ -dipyridyl and o-phenantroline were measured in the region from 210 to 2,000 millimicrons. In all cases, the absorption bands obtained are explained in terms of the previously developed theory of the splitting of the terms for ionic and covalent complexes (Referat Zhur Fizika, 1957, No 12, 31581). The double complex of Ni (II), which is diamagnetic in the crystalline state manifests itself as a paramagnetic substance. The absorption bands d (region 350-525 millimicrons) of the complex merge with the short-wave absorption bands b

Card : 1/2

APPROVED FOR RELEASE: 09/21/2001

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HUNGARY/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 16699

of the same ion of the metal (region 385 to 1750 millimicrons); and the latter are as a rule washed out and appear in the form of steps on the absorption curves.

Card : 2/2

HUNGARY/Optics - Spectroscopy.

K

Abs Jour : Ref Zhur Fizika, No 10, 1959, 23690

Author : ~~Horvath, E.~~ Tombacz, E.

Inst : The University, Szeged, Hungary

Title : Remarks on the Change in Absorption of Light by Certain Quinones

Orig Pub : Acta phys. et chem. Szeged., 1958, 4, No 3-4, 103-106

Abstract : A study was made of the absorption spectra of solutions of n-benzoquinone, 1, 4-naphthoquinone, 9, 10-antraquinone, and 5, 12-tetracenquinone. It was established that the absorption spectra of the n-quinone changed considerably (both in the visible and in the ultraviolet regions) with time as the specimens are stored under laboratory conditions (20° C in scattered sunlight). In the case of 9, 10-antraquinone such a change is observed only in acid

Card 1/2

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APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618210007-6"

HUNGARY/Optics - Spectroscopy

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Abs Jour : Ref Zhur Fizika, No 10, 1959, 23690

solutions. A comparison of the changed spectra with the spectra of a mixture of quinoidal and hydroquinoidal forms shows that such a change corresponds to a transition to the hydroquinoidal form. -- L. Dmitrenko

Card 2/2

B-4

Country : Hungary  
 Category= : Physical Chemistry - Molecule.Chemical Bond

18192

Abs. Jour. : Referat Zhur - Khimiya, No 6, 1959

Author : Kiss, A.; Csaszar, J.; Horvath, E.  
 Institut. : Hungarian Academy of Sciences - *Univ. Szeged*  
 Title : Absorption of Light by Complexes of Divalent Nickel.

Orig. Pub. : Acta chim. Acad. scient. hung., 1958, 15, No 2, 151-161; Magyar tud. akad. Kem. tud. Oszt. kozl. 1957, 9, No 2, 207-215.

Abstract : Absorption spectra were obtained (bands B, G and D) (RZnKhim, 1958, 6914, 10300, 80289) for  $\text{Ni}(\text{H}_2\text{O})_6^{2+}$ ,  $\text{Ni}[\text{En}_2(\text{H}_2\text{O})_2]^{2+}$ ,  $\text{NiCl}_6^{4-}$ ,  $\text{NiBr}_6^{4-}$ ,  $\text{Ni}(\text{SCN})_6^{4-}$ ,  $\text{Ni}(\text{acetyl-acetone})_2$ ,  $\text{Ni}(\text{glycine})_2$ ,  $\text{Ni}(\text{alanine})_2$ ,  $\text{Ni}(\text{C}_2\text{O}_4)_2^{2-}$ ,  $\text{Ni}(\text{CN})_2^{2-}$ ,  $\text{Ni}(\text{salicylaldehyde})_2$ ,  $\text{Ni}(\text{salicylaldehyde-ethylenediamine})$ ,  $\text{Ni}(\alpha\text{-}\alpha\text{-dipyridyl})_3^{2+}$ ,  $\text{Ni}(\text{o-phenanthroline})_2^{2+}$ ,  $\text{Ni}(\text{o-phenanthroline})_3^{2+}$ , and some corresponding ligands.  $\text{Ni}^{2+}$  has principal term  $^3\text{F}$ , for which 2 bands of B type should be present in case of  $\text{O}_h$  and  $\text{T}_d$  symmetry. Since 4 bands of this type are observed in spectrum of hexahydrate the authors consider that symmetry is lowered to  $\text{D}_{4h}$  (two

Card: 1/3

B-4

Country : Hungary  
 Category : Physical Chemistry - Molecule. Chemical Bond.

Abs. Jour. : Referat Zhur - Khimiya, No 6, 1959

18192

Author :  
 Institut. :  
 Title :

Orig Pub. :

Abstract :  $\text{H}_2\text{O}$  at greater distance than the others). Same applies to hexamine, hexahalides and hexathiocyanate. The authors assume that in case of  $\text{Ni}^{2+}$  the formation of complexes of  $\text{O}_h$  symmetry is altogether non-characteristic. To complexes with ethylene diamine, phenanthroline and dipyridyl is attributed  $\text{C}_{3v}$  symmetry, on basis of presence of 4 bands of B type, and to the oxalate --  $\text{D}_{4h}$  symmetry. With lower symmetry ( $\text{C}_{2v}$ -cis or  $\text{D}_{2h}$ -trans) complexes with amino acids and acetylacetone also show 4 bands, even though there should be 6, but this is due to merging of bands. In case of diamagnetic complexes, on assuming their covalent structure, B-type bands should not be observed, while with an ionic

Card: 2/3

CSASZAR, Jozsef (Szeged); HORVATH, Erzsebet (Szeged)

Data on the absorption spectra of o-phenanthroline and  $\alpha,\alpha'$ -dipyridyl-metal complexes. Acta chimica Hung 24 no.3:259-269 '60. (EEAI 10:3)

1. Institute of General and Physical Chemistry, University, Szeged.  
    (Absorption spectra)   (Phenanthroline)   (Bipyridine)  
    (Metals)           (Complex compounds)   (Electrons)   (Ions)  
    (Light)   (Iron)   (Cobalt)   (Nickel)

HORVATH, E.

AGRICULTURE

PERIODICAL: VESTNIK, VOL. 6, no. 2, 1959

Horvath, E. Awards of the Slovak Academy of Sciences for solving scientific research tasks. p. 110.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

HORVATH, E.

"First Plenary Session of the Branch of the Czechoslovak Academy of  
Agricultural Sciences." p. 167.

VESTNIK. Praha, Czechoslovakia, Vol. 6, No. 3, 1959

Monthly list of East European Accession Index (EEIA), Library of Congress,  
Vol. 8, No. 7, July, 1959, Unclassified



HORVATH, E.

"An all-Slovak conference of scientific and research workers." p. 221

VESTNIK. Praha, Czechoslovakia, Vol. 6, No. 4, 1959

Monthly list of East European Accession Index (EEIA), Library of Congress,  
Vol. 8, No. 7, July, 1959, Unclassified

HORVATH, E.

Solving the task of scientific research in the centers of the Slovak Branch of the Czechoslovak Academy of Agriculture Sciences. p. 334.

VESTNIK. (Ceskoslovenska akademie zemedelskych ved.) Praha, Czechoslovakia, Vol. 6, no. 6, 1959.

Monthly List of East European Accessions (EEAI), LC, VOL. 8, no. 11, Nov. 1959  
Uncl.

HORVATH, Euge, inz.

Survey of final reports of the work units of the branch of the  
Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 6  
no.11:613-616 '59. (REAI 9:5)

1. Pobočka Československé akademie polnohospodářských věd.  
(Czechoslovakia--Agriculture)

HORVATH, Eugen, Inz

Activities of the Research Institute for Poultry Breeding in Ivanka  
pri Dunaji. Vestnik CSAZV 7 no.4:224-226 '60. (EEAI 9:9)  
(Czechoslovakia--Poultry)

HORVATH, Eugen, Inz.

Solved research tasks in the research establishments of the Slovak  
Branch of the Czechoslovak Academy of Agricultural Sciences. Vestnik  
CSAZV 7 no.12:661-664 '60. (EEAI 10:4)  
(Czechoslovakia--Agriculture)

HORVATH, Eugen, Inz.

Exacution of the decision of the 17th General Assembly of the  
Czechoslovak Academy of Agricultural Sciences within its Slovak  
Branch. Vestnik CSAZV 8 no.4:242-244 '61. (EEAI 10:6)  
(Czechoslovakia--Agriculture)  
(Czechoslovak Academy of Agricultural Sciences)

HORVATH, Eugen, Inz.

Activities of the Board of the Slovak Branch of the Czechoslovak  
Academy of Agricultural Sciences, Vestnik CSAZV 8 no.5:304-305 '61.  
(EEAI 10:6)

(Czechoslovakia--Agriculture)

(Czechoslovak Academy of Agricultural Sciences)

HORVATH, Eugen, Inz,

Evaluation of the solved research tasks at a meeting of the board  
of a branch of the Czechoslovak Academy of Agricultural Sciences.  
Vestnik CSAZV 8 no. 1:51-56 '61. (EEAI 10:5)  
(Czechoslovakia--Agriculture)



HORVATH, Eugen, Ing.

Some research tasks solved in the establishments of the Slovak  
Branch of the Czechoslovak Academy of Agricultural Sciences. Vestnik  
CSAZV 8 no.7:424-429 '61.

(Czechoslovakia--Agriculture)

HORVATH, Eugen, inz.

Activity and program of the Agricultural Economy Research  
Institute in Bratislava. Vestnik CSAZV 9 no.1:42-45 '62.

HEPVATH, Eugen, inz.

Conference of young experts on the two-shift operation in  
animal production. Vestn. zemedel. 11 no. 6: 240-241 '64.

HORVATH, Eugen, Ing. CSc.

~~Horvath Eugen Ing. CSc.~~  
National seminar on large-scale production methods in  
cattle breeding. Vest ust zemsdel 12 no.1:28-30 '65.

D. Horvath, Eva

Examination of uranium adsorption on peat samples situated  
in uranium containing natural waters. ATOMKI kozl 2 no. 2:  
177-183 '60.

NORVATH E., KORDASZY, BACHLICH D., KOWALCZAK H., and TRAMER A.

B Dent. of nat. Anat., Histol, med. Univ., Szeged. "Histomorphological signs of hyperfunction in the magnocellular nuclei of the anterior hypothalamus of the magnocellular nuclei of the anterior hypothalamus of the rat ACTA MORPH. ADAD. SCIENT. HUNG. (Budapest) 1954, 4/2 (179-185) Tables 2 Illus. 4

Withholding of water causes in rats a hypertrophy of the ganglion cells of the supraoptic and paraventricular nuclei. This hypertrophy is associated with a decrease or disappearance of the Gomori-positive substances and of the p.a.S. positive sign of increased neurosecretion.

SO: Excerpta Medica Section V, Vol. 7, No. 11

HORVÁTH E., KOVÁCS K. and KÖRPÁSSY B.

Pathol. Anat. Inst., Med. Univ., Szeged. \* Wirkung von hepatotoxischen Stoffen auf den Gehalt an freien Aminosäuren der Leber an intakten und adrenalectomierten Tieren. Effect of hepatotoxic substances on the free amino acid content of the liver in intact and adrenalectomized animals ACTA PHYSIOL. ACAD. SCIENT. HUNG. (budapest) 1954, 5/suppl. (36-37)

SO: Excerpta Medica Section II Vol 7 N. 12

*HORVATH, EVA*

BACHRACH, Denes; KOVACS, Kalman; TRAUB, Alfred; HORVATH, Eva; KORPASSY,  
Bela

Signs of hyperfunction of the anterior giant cell nuclei of the  
hypothalamus in rats. Kiserletes orvostud. 6 no.3:209-213 May 54.

(THIRST, effects,

hypothalamic hyperfunct., anterior giant cell nuclei in)

(HYPOTHALAMUS, physiology,

eff. of thirst, hyperfunct., anterior giant cell nuclei in)



*HORVATH, EVA*

KOVACS, Kalman; BACHRACH, Denes; JAKOBOVITS, Antal; HORVATH, Eva;  
SZTANOVJEVITS, Anna; KOPASSY, Bela

Effect of tannic acid (valer) on the anterior nuclei of the  
hypothalamus in rats. Kiserletes orvostud. 6 no.3:268-273 May 54.

1. Szegedi Orvostudományi Egyetem Kórbántani és Kórszövettani  
Intézete.

(HYPOTHALAMUS, effect of drugs on,  
tannic acid)

(TANNIN, effects,  
on hypothalamus)

BACHARACH, Denes; KOVACS, Kalman; DAVID, Margit; HOVATH, Eva; KORPASSY, Bela

Morphology of anterior pituitary gland in increased ACTH production.  
Kiserletes orvostud. 6 no.4:316-322 July 54.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórászovettani  
Intezete.

(ACTH

hypersecretion induced by formaldehyde, eff. on anterior  
pituitary in adrenalectomized rats)

(ADRENAL GLANDS, eff. of excis.

on anterior pituitary morphol. in formaldehyde-induced ACTH  
hypersecretion in rats)

(PITUITARY GLAND, ANTERIOR, physiol.

hypersecretion, formaldehyde-induced, eff. on morphol. in  
adrenalectomized rats)

*HORVATH, EVA.*

KOVACS, Kalman; BAGRACH, Dönes; JAKOBOVITS, Antal; HORVATH, Eva; KÖRPASSY,  
Bela

Hypothalamo-pituitary relationship and its effect on water and salt  
metabolism in experimental conditions. Kiserletes orvostud. 6 no.4:  
323-331 July 54.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kóronvettani Intézete.  
(HYPOTHALAMUS, physiol.  
eff. of water & hypertonic saline in rats)  
(PITUITARY GLAND, POSTERIOR, physiol.  
eff. of water load & hypertonic saline in rats)  
(HYPERTONIC SOLUTIONS, eff.  
on hypothalamo-pituitary system in rats)  
(WATERS, eff.  
on hypothalamo-pituitary system in rats)

HORVATH, EVA

LUSZTIG, Gabor; ORMOS, Jeno; HORVATH, Eva; KOSZEGI, Bela

Antilipemic and hyperglycemic effect of heparin in alloxan diabetes. Kiserletes orvostud. 6 no.6:557-564 Nov 54.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani Intézete.

(DIABETES MELLITUS, exper.

antilipemic & hyperglycemic eff. of heparin in dogs)

(HEPARIN, eff.

antilipemic & hyperglycemic in alloxan diabetes in dogs)

(LIPIDS, in blood

eff. of heparin in alloxan diabetes in dogs)

(BLOOD

lipids, eff. of heparin in alloxan diabetes in dogs)

(BLOOD SUGAR, in various dis.

alloxan diabetes, eff. of heparin in dogs)

6

Cytochemistry of Gaucher cells. K. Kovács, A. Traub,  
and Eva Horváth (Univ. Szeged, Hung.). Stkweis. 2.  
allgen. Pathol. u. Bakteriol. 17, 603-12 (1954). The cyto-  
plasm of Gaucher cells exhibits anilinophilia and a pos.  
HIO-Schiff test, both of which are absent after pyridine  
treatment. It shows no sudanophilia or double refractive  
lipides. Reactivity toward aniline and HIO, persists after  
treatment with a boiling  $\text{CHCl}_3\text{-EtOH}$  mixt. The presence  
of ribonucleic acid is deduced from the absence of pyronino-  
philia after HCl treatment. The histochem. data indicate  
that Gaucher's disease is a disturbance of the enzymic bal-  
ance of the reticuloendothelial system resulting in an ac-  
cumulation of intracellular lipoproteins.

2

Erich Heftmann

HORVATH, E.

⑥  
Hypothalamo-hypophyseal relations during liquid withdrawal in rats. K. Kovács, D. Bachrach, A. Jakobióvits, E. Horváth, and B. Kerpácz (Univ. Sieged, Hung.). *Endokrinologie* 31, 17-20 (1954).—The anterior hypothalamus of thirsting rats showed hypertrophic morphological changes which could be removed by the administration of glandulitrin (pituitrin). The anterior pituitary also showed signs of hypertrophy.  
Doris L. Noether

KOVACS, Kalman; JAKOBOVITS, Antal; DAVID, Margit; HORVATH, Eva;  
BACHRACH, Denes; KORPASSY, Bela

Effect of hemoconcentration on the gonadotropic activity of  
anterior pituitary gland in rats. Kiserletes orvostud. 8 no.  
2:126-133 March 56.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani  
Intézete.

(GONADOTROPINS, PITUITARY, physiol.

FSH, eff. of exper. hemoconcentration on anterior  
pituitary gonadotropic activity in rats & influence  
of estrogen. (Hun))

(BLOOD

hemoconcentration, exper., eff. on gonadotropic  
activity of anterior pituitary in rats. (Hun))

HORVÁTH É.

EXCERPTA MEDICA Sec.3 Vol.11/9 Endocrinology Sept57

1793. HORVÁTH É. and KOVÁCS K. Orvostud. Egyetem. Körbonctani és Kórszövettani Int., Szeged. \*Adatok a mellékvese szerepéhez a máj regenerációjában. The adrenals and liver regeneration KISERL. ORVOSTUD. 1956, 8/4 (411-416) Tables 2 Illus. 2

Adrenalectomy caused a sudden increase of mitoses in the normal rat liver. Cortisone blocked mitotic activity in the normal liver and appreciably reduced the high mitotic activity of regenerating liver. Cortisone administered to normal rats receiving serum from hepatectomized rats reduced the increase of mitotic activity caused by such serum. The serum of cortisone-treated hepatectomized rats failed to increase mitotic activity in the livers of normal rats. It is concluded that liver regeneration is reduced by the adrenal glands and by administered cortisone, presumably by an inhibitory action on protein metabolism.

(II, 3)



EXCERPTA MEDICA Sec 5 Vol. 11/8 Gen. Pathology Aug 58

2107. ELECTIVE STAINING TECHNIQUE FOR METHYLCELLULOSE ACCUMULATED IN TISSUES - Elektív festési eljárás a szövetekben tárolt methyl-cellulose kimutatására - Horváth É., Kovács K. and Benkő S. Szegedi Orvostudományi Egyetem Kórbönetani és Kórszövettani Intézete és I. sz. Belklin., Szeged - KISÉRL. ORVOSTUD. 1957, 9/4 (442-444) Illus. 1

After embedding in paraffin: (1) deparaffinization in xylol; (2) alcohol; (3) rinsing in distilled water; (4) nuclear staining with Mayer's haematoxylin for 2 min.; (5) rinsing, blueing in spring-water; (6) staining with 0.5% Congo red for 3 to 5 min.; (7) differentiation and washing (twice) in distilled water of pH 7.6 (by means of added 0.01 N NaOH); (8) removal of water in absolute *n*-butyl alcohol; (9) xylol; (10) balsamum neutr. With this technique the stored polymer colours a fiery red with the 0.5% Congo-red solution. The method is extremely sensitive, the intensity of the colour obtained does not change. However, the method is not specific, because amyloid, keratin, elastic fibres, and surface epithelial cells of the gastric mucosa also stain red though it is only an orange-red, and not a fiery red as in the case of methyl-cellulose.

Szinay - Budapest (V, 1)

HORVATH, E.

Isoserological study of an anti-O agglutinin causing haemolytic complication in transfusion. Acta microb. hung. 5 no.2:133-138 1958.

1. Central Institute of the National Blood Transfusion Service, Budapest.  
(BLOOD TRANSFUSION, complications  
anti-O antibody causing hemolytic compl., serol. studies)

JENEY, E.; HORVATH, E.

A quick method for testing antibiotic sensitivity using paper strips impregnated with triphenyl tetrazolium chloride. Acta microb. hung. 5 no.2:205-208 1958.

1. Institute of Microbiology, University of Debrecen.  
    (ANTIBIOTICS, effects  
      sensitivity of bact., determ. method)  
    (BACTERIA, effect of drugs on  
      antibiotics, sensitivity determ. by paper strip method)

HORVATH, Eva; KOVACS, Kalman; BENKO, Sandor

Effect of cortisone on the tissue storage of methylcellulose. Kiserletes orvostud. 10 no.2-3:155-159 Apr-June 58.

1. Szegedi Orvostudományi Egyetem Korbonctani es Korszozettani Intezete es I. sz. Belgyogyaszati Klinikaja.

(CORTISONE, eff.

on tissue storage of methylcellulose in rats (Hun))

(METHYLCELLULOSE, metab.

eff. of cortisone on tissue storage in rats (Hun))

EXCERPTA MEDICA Sec 18 Vol 3/6 Cardiovascular June 59

1445. Visceral localizations of thrombangitis obliterans Despretromboangeita obliteranta cu localizare viscerală. HORVATH E. and MONAKI S. Clin. II-a Med., Tirgu Mures Med. interna (Bucuresti) 1958, 10/5 (753-760) Illus. 5

A description is given of the various visceral localizations of thromboangitis obliterans in patients presenting the characteristics of age, sex and type of development pathognomonic for this disease. Clinical cases are presented: the coronary type (malignant juvenile cardiosclerosis), the cerebral type (focal or ocular symptoms), and the renal type (appearance of malignant nephrosclerosis). The diagnosis is difficult on account of the fact that the peripheral vascular syndrome is often absent or assumes atypical appearances.

Nicolaescu - Bucharest (XVIII, 6)

*Lucrare efectuată în Clinica II-a medicală,*

HORVATH, Eva, Dr.; HADHAZY, Gyorgy, Dr.; KATONA, Maria, Dr.; FODOR, Mihaly, Dr.

~~Resistance~~ of bacteria cultured from examination material during the years of 1954, 1955, 1956 and 1957. Orv. hetil. 99 no.31:1063-1065 3 Aug 58.

1. A Debreceni Orvostudományi Egyetem Mikrobiológiai Intézetének (igazgató: Vaczi Lajos dr. egyet. tanár) közleménye.

(ANTIBIOTICS, eff.

on bact., changes in bact. resist. during 4 years period (Hun))

HORVATH, Eva, Dr.; VACZI, Lajos, Dr.; SZABO, Gabor, Dr.; HERNADI, Ferenc, Dr.

Effect of antibiotic combinations on *Pseudomonas pyocyanea* strains.  
Orv. hetil. 100 no.15:541-544 12 Apr 59.

1. A Debreceni Orvostudományi Egyetem Mikrobiológiai Intézetének  
(igazgató: Vaczi Lajos dr. egy. tanár) és Gyógyszertani Intézetének  
(igazgató: Valyi-Nagy Tibor dr. egy. tanár) közleménye.

(*PSEUDOMONAS AERUGINOSA*, eff. of drugs on  
antibiotics in various combinations (Hun))  
(ANTIBIOTICS, eff.

on *Pseudomonas aeruginosa* strains, eff. of various  
antibiotic combinations (Hun))

HORVATH, Eva, dr.; TUSA, Adam, dr.; ORLIK, Jozsef, dr.; MONOKI, Istvan, dr.;  
WIENER, Ferenc, dr.

Data on the dermatomyositis syndrome. Orv.hetil. 101 no.3:  
83-86 Ja '60.

1. A marosvásárhelyi II. Belgyógyászati Klinika és Borgyógyászati  
Klinika.

(DERMATOMYOSITIS diag.)



BENKO, Sándor; BALAZS, Viktor; FRÖHLICH, Margit; HORVÁTH, Éva; KOVÁCS, Kálmán;  
FELKAI, Béla; RAK, Kálmán

Pulmonary arteritis and changes of serum lipoproteins in dogs  
after intravenous administration of methylcellulose. Magyar.  
belorv. arch. 13 no.1:13-16 Mr '60.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati  
Klinikájának (igazgató: Hetényi, Géza, dr. [deceased], egyetemi  
tanár) és Kóronctani Intézetének (igazgató: Kórpássy, Béla, dr.,  
egyetemi tanár) közleménye.

(METHYLCYLLULOSE pharmacol.)

(LIPOPROTEINS blood)

(PULMONARY ARTERY dis.)

(ARTERITIS exper.)

VACZI, Lajos, dr.; HORVATH, Eva, dr.

Observations on the epidemic of influenza in 1959 with special reference to complicated cases. Orv.hetil. 101 no.35:1129-1132  
28 Ag '60.

1. Debreceni Orvostudományi Egyetem, Mikrobiológiai Intézet  
(INFLUENZA compl)

HORVATH, Eva, SOLYOM, Antal; KORPASSY, Bela

Histochemical and biochemical studies in acute tannic acid poisoning. /  
Kiserletes Orvostud. 12 no.5:467-475 0 '60.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani  
Intézete.

(TANNINS toxicol)

MONOKI, St., dr.; HORVATH, Eva, dr.; WIENER, Fr., dr.; FODOR, Fr., dr.

Heart diseases in collagen diseases. Med. inter., Bucur 13 no.2:  
195-199 F '61.

1. Lucrare efectuata in Clinica a II-a medicala, Catedra de anatomie  
patologica si Catedra de biologie, Tg. Mures.

(COLLAGEN DISEASES complications)  
(HEART DISEASES etiology)

BARTOK, Istvan; HORVATH, Eva; DOMJAN, Gyula

Changes in the activity of individual enzymes in the liver in cirrhosis produced by carbon tetrachloride in rats. Kiserl. orvostud. 13 no.6: 654-659 D '61.

1. Szegedi Orvostudományi Egyetem Korbonctani-Korszovettani es Bio-kemiai Intezete.

(LIVER DISEASES exper) (ENZYMES metab)

DOMJAN, Gyula; H.MAZAREAN, Hortenzia; BAKTOK, Istvan; HORVATH, Eva

Change in the activity of phosphomonoesterase in the normal and cirrhotic liver in rats after partial hepatectomy. Kiserl. orvostud. 13 no.5: 500-503 0 '61.

1. Szegedi Orvostudományi Egyetem Biokémiai és Kóronctani-Kórszövettani Intézete.

(LIVER CIRRHOSIS exper.)	(REGENERATION physiol.)
(PHOSPHATASES metab.)	(LIVER metab.)

KHADNAD<sup>i</sup>, Gh. [Hadnagy, Cs.]; KHORVAT, Ye. [Horvát, E.]

Our studies on the pharmacodynamics of vitamin B<sub>12</sub>. Klin.med.  
no.1:25-29 '62. (MIRA 15:1)

1. Iz terapevticheskoy kliniki Tyrgu-Mureshskogo mediko-farma-  
tsevticheskogo instituta (Ramyniya).  
(CYANOCOBALAMINE)

[HUNGARY

BARTOK, Istvan; HORVATH, Eva; DOMJAN, Gyula; KORPASSY, Bela;  
Pathological Anatomical - Pathological Histological and Bio-  
chemical Institute of the Medical University (Orvostudományi  
Egyetem Korbonctani-Korszozettani es Biochemiai Intezete),  
Szeged.

"Histochemical Changes in Carbontetrachloride Cirrhosis of  
the Rat after Partial Hepatectomy."

Budapest, Kiserletes Orvostudomány, Vol 14, No 5, Oct 62,  
pp 449-457.

Abstract: [Authors' Hungarian summary] The liver is capable  
of regeneration following partial hepatectomy to the same  
extent in carbontetrachloride cirrhosis as in the non-dis-  
eased state, without changes in structure. The activity of  
succinic dehydrogenase drops markedly in both, normal and  
cirrhotic liver, during the first 24 hours of regeneration;  
in normal liver, the activity does not rise within the first  
96 hours, but in cirrhotic liver, there is a significant in-  
crease by 48 hours. Alkaline phosphatase activity rises du-  
ring the first 48 hours of regeneration in both, cirrhotic  
1/2

Budapest, Kiserletes Orvostudomány, Vol 14, No 5, Oct 62,  
pp 449-457.

and normal liver, followed by a drop; the activity increase  
is more marked in the cirrhotic liver. Acid phosphatase ac-  
tivity is more marked throughout in the regenerating cirrh-  
otic liver than in the regenerating normal liver. [35 refer-  
ences, predominantly Western.]



BENKO, Sandor; BALAZS, Viktor; FROHLICH, Margit; HORVATH, Eva; KOVACS, Kalman;  
CSANADI, Miklos; FELKAI, Bela; RAK, Kalman

Pulmonary granuloma caused by the intravenous administration of  
methylcellulose and its sensitivity to cortisone and to Escherichia  
coli culture broth. Kiserl. orvostud. 14 no.5:515-519 0 '62.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika és Kórháztani  
Intézet.

(LUNG)	(GRANULOMA)	(METHYLCELLULOSE)
(ESCHERICHIA COLI)	(CORTISONE)	(BLOOD CHOLESTEROL)

JAKUBECZ, Sandor, dr.; RUZICKSKA, Gyula, dr.; HORVATH, Eva, dr.

The significance of bacteriological tests and antibiotic therapy in early and premature amniotic rupture. - Magy. orv. lap. 25 no.6: 325-332 N '62.

1. A Debreceni Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikájának (Igazgató: Arvai Sándor dr. egyetemi tanár) és Mikrobiológiai Intézetének (Igazgató: Váczi Lajos dr. egyetemi tanár) közleménye.

(LABOR) (ANTIBIOTICS) (ESCHERICHIA COLI INFECTION)  
(STAPHYLOCOCCAL INFECTION) (STAPHYLOCOCCAL INFECTION)

HUNGARY

VACZI, L., HORVATH, E., and BAUER, N., of the Institute of Microbiology (Director: L. VACZI), and Department of Ophthalmology (Director: A. KETTESY), University Medical School, Debrecen [Original version not given].

"Studies on the Etiology of Epidemic Keratoconjunctivitis"

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol 9, No 4, 1962/63; pp 329-336.

Abstract [Authors' English summary]: Conjunctival scrapings and secretion obtained from 25 patients suffering from epidemic keratoconjunctivitis were tested for virus in HeLa cultures. A cytopathogenic agent was isolated from the conjunctival scraping of a nine-year-old patient. The virus is cultivable in HeLa, monkey-kidney, and human fibroblast cell cultures and produces eosinophilic nuclear inclusions. It is sensitive to ether and very sensitive to heat. The adenovirus typing sera tested failed to neutralize the virus. The virus is pathogenic for the albino mouse if given intracerebrally, and for the rabbit if administered by intravenous route. Dropping the virus into the conjunctival sac of the rabbit leads to characteristic conjunctivitis and keratoconjunctivitis; this is followed

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Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol 9, No 4, 1962/63; pp 329-336. [Continued].

by the development of fatal encephalitis characterized by emaciation, paralysis and other symptoms. Paired sera of certain patients suffering from epidemic keratoconjunctivitis showed some rise in the neutralization titre against this virus. Investigations into the possible role of this agent in the etiology of epidemic keratoconjunctivitis are in progress. [14 references, mainly Western]. [Article in English].

2/2

HORVATH, Eva, dr.; MONOKI, S., dr.; WIENER, F., dr.

Clinical considerations on some malignant forms of vasculitis. Med.  
intern. 15 no.3:303-308 Mr '63.

1. Lucrare efectuata in Clinica a II-a medicala, I.M.F. Tg. Mures.  
(THROMBOANGIITIS OBLITERANS) (PERIARTERITIS NODOSA)  
(DIAGNOSIS, DIFFERENTIAL)

HUNGARY

HADHAZY, Gyorgy, HORVATH, Eva; Medical University of Debrecen, Institute of Microbiology (Debreceni Orvostudományi Egyetem, Mikrobiológiai Intézet).

"Investigations Concerning Interferon Production."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 508-512.

Abstract: [Authors' German summary] Comparative studies have been conducted by the authors in order to determine the amounts of Interferon formed by two different methods of production as well as the sensitivity of PR<sub>8</sub> and parainfluenza I virus strains toward Interferon. Interferon was produced by in vitro incubation of CAM, obtained from chick embryo, with a virus suspension consisting of influenza PR<sub>8</sub> strains which, after purification and concentration, was inactivated by UV irradiation and heat treatment. The other method of production consisted of in ovo infection of the allantois by the virulent infectious virus. In addition, the rate curve of the appearance of the virus and the Interferon in the allantoic fluid has been determined after the infection. 2 Hungarian, 6 Western references.

1/1

VACZI, L.; HADHAZY, Gy; HORVATH, Eva

The influence of temperature on the multiplication of the PR8 strain of influenza A virus and on the interferon production by the virus infected cells. Acta microbiol. acad. sci. Hung. 10 no.4:397-402 '63 -- '64

1. Institute of Microbiology (Director: L.Vaczi), University Medical School, Debrecen.

HORVATH, Eva; HADHAZY, G.

Effect of heparin on the growth of the herpes group of viruses.  
Acta microbiol. acad. sci. Hung. 12 no.2:145-149 '65.

1. Institute of Microbiology (Director: L. Vaczi), University  
Medical School, Debrecen. Submitted November 28, 1964.

L 10346-66 EWT(1)/EWA(1)/EWA(b)-2 JK

ACC NR: AP6003319

SOURCE CODE: HU/0018/55/017/002/0179/0187

AUTHOR: Horvath, Eva--Khorvat, Ye.; Biliczki, Ferenc--Bilitski, P.

ORG: Institute of Pathological Anatomy and Pathohistology, Medical University of Szeged (Szegedi Orvostudományi Egyetem Korbonctani és Korszovettani Intézete)

TITLE: Effect of endocrine factors on the histochemical appearance of normal and regenerating rat livers

SOURCE: Kiserletes Orvostudomány, v. 17, no. 2, 1965, 179-187

TOPIC TAGS: rat, liver, endocrinology, biochemistry, cortisone, histology, gland, surgery, drug effect

ABSTRACT:

The effect of cortisone treatment and of bilateral adrenalectomy on the histochemical appearance of intact and regenerating liver has been studied. The cortisone effect, which retards regeneration, is also manifested in the histochemical appearance of the liver. The post-hepatectomic accumulation of DNA, RNA and structure proteins is delayed, there is a lesser increase in alkaline phosphatase and ATP-ase activity and the behavior of the oxidative enzymes is also considerably altered. Following adrenalectomy, the activities of oxidative enzymes and alkaline phosphatase as well as the RNA content of the liver cells is elevated in addition to increased mitotic activity. The correlation between the corticoid level and liver regeneration is discussed. Orig. art. has: 6 figures.

[JPRS]

SUB CODE: 06 / SUBM DATE: 06Mar64 / OTH REF: 042

Card 1/1



L 10345-66

ACC NR: AP6003350

SOURCE CODE: HU/0018/65/017/002/0188/0194

AUTHOR: Horvath, Eva--Khorvat, Ye.; Biliczki, Ferenc--Bilitski, P. 21

ORG: Institute of Pathological Anatomy and Pathohistology, Medical University of Szeged (Szegedi Orvostudományi Egyetem Kórház- és Kórszövettani Intézete) B

TITLE: Effect of corticoid-hormone level on the regenerative process of the liver in rats; biochemical investigations

SOURCE: Kiserletes Orvostudomány, v. 17, no. 2, 1965, 188-194

TOPIC TAGS: hormone, biochemistry, endocrinology, gland, surgery, drug effect, cortisone, liver, rat, animal physiology

ABSTRACT:

The lipid and glycogen content of the liver, the protein-bound hexose and seromucoid content of the serum, and the relative distribution of serum protein substances has been investigated in rats following partial hepatectomy, cortisone treatment, cortisone treatment and subtotal hepatectomy, as well as in rats killed 3 days after bilateral adrenalectomy. It was characteristic that a high degree of elevation in the mucoprotein content and in the relative amount of  $\alpha_1$ -globulin occurred in the most active phase of liver regeneration. The same could also be observed following adrenalectomy. The development of these changes was inhibited by cortisone, which also had a retarding effect on the regeneration. A possible correlation between the so-called regeneration factor and the changes in protein substances is discussed. Orig. art. has: 5 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 06Mar64 / ORIG REF: 004 / OTH REF: 035

Card 11

L 38603-66 T JK

ACC NR: AP6028254

SOURCE CODE: HU/0028/65/012/002/0145/0149

AUTHOR: Horvath, Eva (Debrecen); Hadhazy, Gyorgy (Debrecen)ORG: Institute of Microbiology/headed by: L. Vaczi/, Medical University of Debrecen  
(Debreceni Orvostudományi Egyetem, Mikrobiológiai Intézet)TITLE: Effect of heparin on the growth of the Herpes group of virusesSOURCE: Academia scientiarum hungaricae. Acta microbiologia, v. 12, no. 2, 1965,  
145-149

TOPIC TAGS: virus, virology, pharmacology

ABSTRACT: The effect of heparin, on the growth of Herpesvirus varicellae. Cytomegalovirus and Herpes simplex virus in secondary human fibroblast, HeLa and secondary human thyroid tissue cultures, has been studied. Heparin was added to the cultures at different times following infection. The titer (Herpes simplex virus) and focus count reduction (Varicella and Cytomegalovirus) was the highest in cultures to which the virus and heparin were added simultaneously. The degree of inhibition was dependent on the actual concentration of heparin and the type of tissue culture used. In the presence of 10 ug/ml heparin, the infective titer of Herpes simplex virus was reduced by 1.5 and 3.5 logs in secondary human fibroblast and in HeLa cell cultures, respectively. Experiments with intracellular cytomegalovirus have shown that heparin inhibits only the adsorption of free virus and has no influence on the penetration and cell-to-cell transfer of viruses carried by infected cells. The authors thank Mrs. Z. Herpay and Mrs. E. Doczy for excellent technical assistance. Orig. art. has: 3 figures. [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: 28Nov64 / ORIG REF: 001 / OTH REF: 013

Card 1/1 *fv*

0917

1839

HUNGARY

VACZI, Lajos, HORVATH, Eva, HADHAZY, Gyorgy; Medical University of Debrecen, Institute of Microbiology (director: VACZI, L.) (Debreceni Orvostudományi Egyetem, Mikrobiológiai Intézet).

"Studies of the Conditions of Interferon Production by Cells Infected With Herpesviruses."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XII, No 4, 1965/66, pages 345-349.

**Abstract:** [English article, authors' English summary modified] The production of an inhibitory principle toward virus growth was examined in secondary human embryonic fibroblast cell cultures infected with Herpesvirus hominis, Herpesvirus varicellae and Cytomegalovirus. All three viruses were found to induce the production of a virus inhibitory substance. This appeared in the largest amount in cultures infected with the varicella virus, in lesser amount in cultures supporting the growth of Cytomegalovirus, and in even lesser amount in cells infected with Herpes simplex virus. The virus inhibitory substance was titrated in secondary human embryonic fibroblast, HeLa and III/1 permanent monkey kidney cells. The highest titers were obtained in the latter group. The inhibitory substance is either interferon or an interferon-like principle. The relationship between the amount of inhibitory substance produced and the progress of viral infection in the tissue culture is discussed. 4 Eastern European, 22 Western references. 1/1 [Manuscript received 4 Aug 65.]

HUNGARY

SZARVAS, Ferenc, BILICZKI, Ferenc, and HORVATH, Eva, Clinic of Internal Medicine No 1 (I. sz. Belgyógyászati Klinika) and Institute of Pathological Anatomy (Korbonctani Intézet) of the College of Medicine (Orvostudományi Egyetem), Szeged.

"Adenomatoid Leydig-Cell Hyperplasia in Rats After Subtotal Orchidectomy"

Budapest, Kísérletes Orvostudomány, Vol 18, No 6, 1966; pp 635-639.

**Abstract:** Authors describe a surgical procedure which they call "subtotal orchidectomy" by which the adenomatoid hyperplasia of the Leydig cells may be brought about in the testicle stumps of operated rats. The phenomenon cannot be enhanced by means of a preparation having an exogenic ICSH effect, and cannot be induced in intact testicles and in testicles of semi-castrated animals which have remained intact. The increased steroid-3- $\beta$ -ol.-dehydrogenase activity of the hyperplastic regions points to an intensive steroid synthesis. The proliferation of the Leydig cells following subtotal orchidectomy is considered primarily a compensatory phenomenon attributable to the increased gonadotrophic activity of the anterior lobe of the hypophysis. 13 References, mainly Western. Manuscript received 11 Jan 66.

HORVÁTH, F.

[ Horváth, F. Technique of nomography. Magyar Tud.  
Akad. Kiadv. Mat. Fiz. Közl. 31: 343-352 (1955) *math* 1

(Hungarian. Russian and English summaries)

The author reviews the results achieved in the technique  
of nomography by the department for numerical and

graphical methods of the Institute for Applied Mathe-  
matics of the Hungarian Academy of Sciences

*From the English summary*

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